

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A card-type electronic apparatus comprising:
  - a printed circuit board assembly (PCBA);
  - an upper cover comprising a plurality of upper sidewalls extending substantially perpendicularly from a top exterior surface of the upper cover, each of the plurality of upper sidewalls including an upper mating feature; and
  - a lower cover comprising a plurality of lower mating features and at least two lower sidewalls, the at least two lower sidewalls extending substantially perpendicularly from a bottom exterior surface of the lower cover, the plurality of lower mating features being inboard of the at least two lower sidewalls, wherein the plurality of upper mating features are ~~joined~~ ultrasonically welded to the plurality of lower mating features, and
  - wherein the upper cover and the lower cover enclose the PCBA.
2. (original) The card-type electronic apparatus of Claim 1, wherein the at least two lower sidewalls completely surround the upper cover.
3. (original) The card-type electronic apparatus of Claim 1, wherein the at least two lower sidewalls partially surround the upper cover.

4. (original) The card-type electronic apparatus of Claim 1, wherein the at least two lower sidewalls form a slip fit with the upper cover.

5. (original) The card-type electronic apparatus of Claim 1, wherein the at least two lower sidewalls form an interference fit with the upper cover.

6. (withdrawn) The card-type electronic apparatus of Claim 1, wherein the plurality of upper mating features include tongue elements, and

wherein the plurality of lower mating features includes groove elements sized to accept the tongue elements.

7. (withdrawn) The card-type electronic apparatus of Claim 1, wherein the plurality of upper mating features includes at least one stair-step feature, and

wherein the at least one stair-step feature is attached to one of the plurality of lower mating features.

8. (withdrawn) The card-type electronic apparatus of Claim 1, wherein the plurality of upper mating features includes a first inclined surface, the first inclined surface sloping away from the upper cover, and

wherein the plurality of lower mating features includes a second inclined surface, the second inclined surface sloping towards the lower cover, and the second inclined surface being attached to the first inclined surface.

9. (original) The card-type electronic apparatus of Claim 1, wherein the PCBA comprises a one or more integrated circuits (ICs) mounted on a PCB, and

wherein the lower cover comprises one or more support structures, the one or more support structures being in contact with one or more unpopulated regions on the PCB.

10. (original) The card-type electronic apparatus of Claim 1, wherein each of the at least two lower sidewalls includes a top surface, and

wherein an upper external surface of the upper cover is above a plane defined by the top surfaces of each of the at least two lower sidewalls.

11. (withdrawn) The card-type electronic apparatus of Claim 1, wherein each of the at least two lower sidewalls includes a top surface, and

wherein an upper external surface of the upper cover is at or below a plane defined by the top surfaces of each of the at least two lower sidewalls.

12. (original) The card-type electronic apparatus of Claim 1, wherein the card-type electronic apparatus comprises one of a Secure Digital (SD) card, a CompactFlash (CF) card, a MultiMedia (MMC) card, a Memory Stick card, a USB flash drive, an ExpressCard, and a flash memory hard drive.

13. (withdrawn) The card-type electronic apparatus of Claim 1, further comprising a switch protruding through one of the at least two lower sidewalls.

14. (withdrawn) The card-type electronic apparatus of Claim 1, wherein at least one of the at least two lower sidewalls includes a notch.

15-19 (canceled)

20. (currently amended) A card-type electronic apparatus comprising:

a printed circuit board assembly (PCBA);

an upper plastic cover; and

a lower plastic cover, the lower plastic cover comprising a plurality of lower sidewalls extending substantially perpendicularly from a bottom exterior surface of the lower plastic cover, the plurality of lower sidewalls defining a pocket,

wherein the upper plastic cover is permanently attached to the lower cover at a seam within the pocket,

wherein the upper plastic cover and the lower plastic cover enclose the PCBA.

21. (currently amended) The card-type electronic apparatus of Claim 20, wherein the plurality of lower sidewalls completely surround the upper plastic cover.

22. (withdrawn) The card-type electronic apparatus of Claim 20, wherein the plurality of lower sidewalls partially surround the upper plastic cover.

23. (currently amended) The card-type electronic apparatus of Claim 20, wherein the lower plastic cover includes a plurality of support structures within the

pocket, the plurality of support structures being in contact with unpopulated regions of the PCBA.

24. (currently amended) The card-type electronic apparatus of Claim 20, wherein the upper plastic cover comprises a plurality of upper sidewalls extending substantially perpendicularly from an upper exterior surface of the upper plastic cover, and

wherein the plurality of upper sidewalls are positioned within the pocket.

25. (withdrawn) The card-type electronic apparatus of Claim 24, wherein the plurality of upper sidewalls includes a plurality of tongue features, each of the plurality of tongue features mating with one of a plurality of groove features in the lower plastic cover.

26. (withdrawn) The card-type electronic apparatus of Claim 24, wherein each of the plurality of upper sidewalls includes a step feature, each of the step features being joined to the lower plastic cover within the pocket.

27. (withdrawn) The card-type electronic apparatus of Claim 24, wherein the plurality of upper sidewalls includes at least one upper inclined surface, the at least one upper inclined surface sloping away from the upper plastic cover,

wherein the plurality of lower sidewalls includes at least one lower inclined surface, the at least one lower inclined surface sloping towards the lower plastic cover, and

wherein the at least one upper inclined surface is attached to the at least one lower inclined surface within the pocket.

28. (currently amended) The card-type electronic apparatus of Claim 24, wherein each of the plurality of lower sidewalls has a top, and

wherein the upper exterior surface of the upper plastic cover is above a plane defined by the tops of the plurality of lower sidewalls.

29. (withdrawn) The card-type electronic apparatus of Claim 24, wherein each of the plurality of lower sidewalls has a top, and

wherein the upper exterior surface of the upper plastic cover is at or below a plane defined by the tops of the plurality of lower sidewalls.

30. (original) The card-type electronic apparatus of Claim 20, wherein the card-type electronic apparatus comprises one of a Secure Digital (SD) card, a CompactFlash (CF) card, a MultiMedia (MMC) card, a Memory Stick card, a USB flash drive, an ExpressCard, and a flash memory hard drive.

31. (withdrawn) The card-type electronic apparatus of Claim 20, further comprising a switch protruding through one of the plurality of lower sidewalls.

32. (withdrawn) The card-type electronic apparatus of Claim 20, wherein at least one of the plurality of lower sidewalls includes a notch.

SUP-005  
10/825,713

*PATENT*